

## PATENT ABSTRACTS OF JAPAN

(11)Publication number : 11-126366

(43)Date of publication of application : 11.05.1999

(51)Int.Cl.

G11B 7/24  
C22C 12/00

(21)Application number : 09-290999

(71)Applicant : ASAHI CHEM IND CO LTD

(22)Date of filing : 23.10.1997

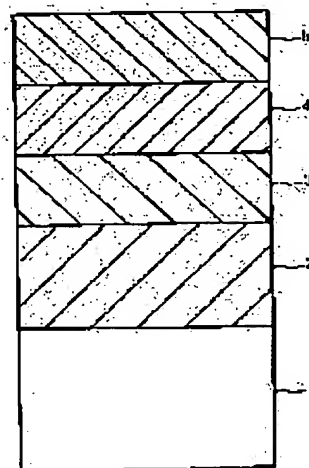
(72)Inventor : FURUYA KAZUYUKI  
SUZUKI MASARU  
FUJII AKIRA

## (54) PHASE TRANSITION TYPE OPTICAL RECORD MEDIUM

## (57)Abstract:

PROBLEM TO BE SOLVED: To sufficiently decrease jitters of signals for mark edge recording with respect to a phase transition-type optical record medium to be recorded which recording marks in an amorphous state are formed in a recording layer for recording.

SOLUTION: The recording layer 3 consists of a compsn. expressed by formula (1) containing antimony (Sb), tellurium (Te), germanium (Ge) and indium (In). The formula is  $(\text{InSb})_a(\text{Sb}(100-x-y)\text{Te}_x\text{Ge}_y)(100-a)$ , wherein (x), (y) and (a) satisfy  $40 < x < 60$ ,  $10 < y < 30$  and  $2 < a < 30$ .



## LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]

Copyright (C); 1998,2003 Japan Patent Office